Technical Data Sheet

‘Water-Based Concrete Epoxy Primer’

Our most popular primer - It can be used on almost any surface with excellent adhesion and it provides a strong seal for your substrate.

Typical Uses & Suitable Substrates
Formulated for use on many surfaces including: Wood, Concrete, Epoxy-based Coatings and screeds, Asphalt, Cement Screeds, Ceramic & Quarry Tiles and Glass. This product can be used in many different environments. Some of the more common uses are;
On new concrete surfaces, warehousing, garages, farm buildings, medical and food environments animal housing, commercial kitchens and many, more.

Directions for Use:

Preparation is first and foremost
Ensure the surface you are looking to coat is clean, solid & sound and provide a light key to aid the addition of the floor sealer.
Ensure all contaminants, dust and surface laitance is removed by either chemical cleaning, sanding, shot-blasting and/or diamond grinding. Air temperature minimum 15°C, maximum 25°C, humidity 75% RH maximum. Ensure good drying conditions prevail throughout the application and cure of the product.

Packaging & Mixing
Packaged – Supplied in 2 parts labelled ‘A / Resin’ and ‘B / Hardener’. The combined weight is 5Kg per unit.
Having fully prepared the substrate, stir the individual components before mixing together. Add Part ‘B’ to Part ‘A’ and thoroughly mix for at least 3 minutes. For best results use a heavy-duty slow speed drill with a mixing paddle. Care must be taken when mixing to ensure that the hardener is properly dispersed.

POOR DISPERSION AND MIXING WILL RESULT IN A POOR OR NON-CURE SITUATION.

Application
Water-based Concrete Epoxy Primer can be applied by brush or roller. The difference in the substrate porosity can leave the finish of the primer a little patchy because some area will soak in more than others. The surface is usually seal and the top coat is not normally affected, however if you feel the surface needs double priming please don’t hesitate to contact us.
Application temperature is between 10˚C and 25˚C. Surface temperature must be above 5˚C. Where possible stabilise the substrate temperature before application – to achieve this, a guide is to heat to a minimum temperature of 15˚C for 24 hours prior to application. Maximum relative humidity - 80%.

Coverage, Pot Life & Curing Time
Please Note - Temperature and Humidity will cause variation to the following figures
Coverage - This can vary according to the porosity and texture of the surface. 5Kg covers 30-35sq.m / 6-7sq.m per Kg
Pot Life – At 20˚C the pot life is 60 minutes
Curing Time – At 20˚C, can be overcoated in 16 hours, light foot traffic in 24 hours and full traffic in 48 hours. Full chemical Cure is achieved after 7 days.

Cleaning
Tools and equipment should be cleaned whilst resin is still wet with Clean, cold water. Reacted material can only be cleaned/removed mechanically. Hands and skin should be cleaned immediately with Organic Hand Cleaner.

Shelf Life & Storage
Shelf life is 12months from the date of manufacture and a date should be on the product containers – Subject to storage conditions. Store in a cool, dry and frost-free environment – Avoid Sources of Ignition and Direct Sunlight

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.
All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer’s responsibility to ensure that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company’s policy of continual research and development, it is the customer’s responsibility to ensure that the information contained herein has not been superseded.